(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau

TIPO OMPI

(43) International Publication Date 11 December 2003 (11.12,2003)

PCT

(10) International Publication Number WO 03/102501 A1

(51) International Patent Classification⁷: G01B 11/04, G07B 17/00

(21) International Application Number: PCT/CA03/00810

(22) International Filing Date: 30 May 2003 (30.05.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

2,388,895 4 June 2002 (04.06.2002) CA 10/166,572 10 June 2002 (10.06.2002) CA 2,429,248 20 May 2003 (20.05.2003) CA

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- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

[Continued on next page]

(57) Abstract: A billing system for determining package transportation charges. The billing system includes a reader to read a package identifier associated with said package and the reader generates a package identifier signal and transmits the same to a microprocessor. The billing system also includes a package sizer having a plurality of non-contact optical sensors located along each of an x, y and z axis, where each optical sensor is in a known position. The sensors are oriented relative to the conveyor so that packages passing over the sensors are detected by the sensors and produce a signal correlated to said package size. Also provided is a microprocessor to receive and correlate said package size and identifier signals, and to determine an appropriate shipping charge based upon the same. A weigh scale may also be incorporated into the system. A method of determining a transportation charge is also comprehended, which includes a selfdiagnostic initialization procedure.



European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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